

10/537741

## IN THE UNITED STATES RECEIVING OFFICE

Applicant : Samuel J. Shuster et al.  
Serial No. : 10/537,741  
Filed : June 3, 2005  
Title : METHODS AND MATERIALS FOR MODULATING TRPM2

**Mail Stop PCT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

TRANSMITTAL LETTER

1. Response to the Notification of Missing Requirements (1 page);
2. Copy of the Notification of Missing Requirements (3 pages);
3. Declarations (8 pages);
4. Petition under 37 CFR §1.47(a) (1 page);
5. Declaration by Agent of Record in Support of the Petition under 37 CFR §1.47(a) (4 pages) with Appendix A-I;
6. Petition for Four-Month Extension of Time (1 page);
7. A check in the amount of \$990 (\$65 for late filing of the Declarations, \$130 for the Petition fee, and \$795 for the Extension of Time fee);
8. Preliminary Amendment (3 pages);
9. Paper copy of the Sequence Listing (7 pages);
10. Computer readable copy of the Sequence Listing (1 disk);
11. Verified Statement (1 page); and
12. Return Postcard.

Please apply any charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date:

April 24, 2006



M. Angela Parsons, Ph.D.

Reg. No. 44,282

Fish & Richardson P.C.  
60 South Sixth Street  
Suite 3300  
Minneapolis, MN 55402  
Telephone: (612) 335-5070  
Facsimile: (612) 288-9696

60353410.doc

09/28/2006 SRASHEIR 00000001 061050 10537741  
Date Rec'd: 06/06/06 DAW: 061050 10537741  
01 FC:1463 70.00 DA 130.00 OP

Adjustment date: 09/28/2006 SRASHEIR  
04/27/2006 MKAYPAGH 00000126 10537741  
03 FC:1454 -130.00 OP

04/27/2006 MKAYPAGH 00000126 10537741

02 FC:2617

65.00 OP

CERTIFICATE OF MAILING BY EXPRESS MAIL

Express Mail Label No. EV710204166US

April 24, 2006

Date of Deposit

The PTO did not receive the following  
listed item(s) CRF of the Sequence  
Listing (1 disk)

IN THE UNITED STATES RECEIVING OFFICE

Applicant : Samuel J. Shuster et al.  
Serial No. : 10/537,741  
Filed : June 3, 2005  
Title : METHODS AND MATERIALS FOR MODULATING TRPM2

**MAIL STOP PCT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS

In response to the Notice of Missing Requirements mailed October 24, 2005 (copy enclosed),  
Applicants, as a Small Entity, submit the following:

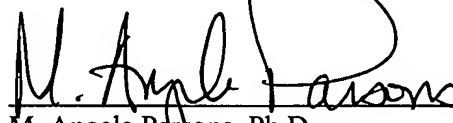
1. Declarations (8 pages);
2. Petition under 37 CFR §1.47(a) (1 page);
3. Declaration by Agent of Record in Support of the Petition under 37 CFR §1.47(a) (4 pages) and Appendix A-I;
4. Petition for Four-Month Extension of Time (1 page);
5. A check in the amount of \$990 (\$65 for late filing of the Declarations, \$130 for the Petition fee, and \$795 for the Extension of Time fee);
6. Preliminary Amendment (3 pages);
7. Paper copy of the Sequence Listing (7 pages);
8. Computer readable copy of the Sequence Listing (1 disk); and
9. Verified Statement (1 page).

It is understood that this perfects the application and no additional papers or filing fees are required. Please apply any other charges or credits to Deposit Account No. 06-1050.

Respectfully submitted,

Date:

April 24, 2006



M. Angela Parsons, Ph.D.  
Reg. No. 44,282

Fish & Richardson P.C., P.A.  
60 South Sixth Street  
Suite 3300  
Minneapolis, MN 55402  
Telephone: (612) 335-5070  
Facsimile: (612) 288-9696  
60347771.doc

CERTIFICATE OF MAILING BY EXPRESS MAIL

Express Mail Label No. EV710204166US

April 24, 2006

Date of Deposit



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/537.741	Samuel J Shuster	14848-010US1

INTERNATIONAL APPLICATION NO.
-------------------------------

PCT/US03/38685

26191  
 FISH & RICHARDSON P.C.  
 PO BOX 1022  
 MINNEAPOLIS, MN 55440-1022

I.A. FILING DATE	PRIORITY DATE
12/04/2003	12/04/2002

CONFIRMATION NO. 3556

371 FORMALITIES LETTER



\*OC000000017312381\*

Date Mailed: 10/24/2005

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 06/03/2005
- Copy of the International Search Report filed on 06/03/2005
- Preliminary Amendments filed on 06/03/2005
- Small Entity Statement filed on 06/03/2005
- U.S. Basic National Fees filed on 06/03/2005
- Priority Documents filed on 06/03/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

## SUMMARY OF FEES DUE:

Total additional fees required for this application is \$65 for a Small Entity:

- \$65 Surcharge.

- This application clearly fails to comply with the requirements of 37 CFR. 1.821-1.825. Applicant's attention is directed to the final rulemaking notice published at 55 FR 18230 (May 1, 1990), and 1114 OG 29 (May 15, 1990). If the effective filing date is on or after July 1, 1998, see the final rulemaking notice published at 63 FR 29620 (June 1, 1998) and 1211 OG 82 (June 23, 1998). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing", an initial paper or compact disc copy of the "Sequence Listing", **as well as an amendment specifically directing its entry into the application.** Applicant must also provide a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.
- A copy of the "Sequence Listing" in computer readable form has not been submitted as required by 37 CFR 1.821(e). If the effective filing date is on or after September 8, 2000, see the final rulemaking notice published in the Federal Register at 65 FR 54604 (September 8, 2000) and 1238 OG 145 (September 19, 2000). Applicant must provide an initial computer readable form (CRF) copy of the "Sequence Listing" and a statement that the content of the sequence listing information recorded in computer readable form is identical to the written (on paper or compact disc) sequence listing and, where applicable, includes no new matter, as required by 37 CFR 1.821(e), 1.821(f), 1.821(g), 1.825(b), or 1.825(d). If applicant desires the sequence listing in the instant application to be identical with that of another application on file in the U.S. Patent and Trademark Office, such request in accordance with 37 CFR 1.821(e) may be submitted in lieu of a new CRF.

Applicant is cautioned that correction of the above items may cause the specification and drawings page count to exceed 100 pages. If the specification and drawings exceed 100 pages, applicant will need to submit the required application size fee.

**For questions regarding compliance to 37 CFR 1.821-1.825 requirements, please contact:**

- **For Rules Interpretation, call (571) 272-0951**
- **For Patentin Software Program Help, call Patent EBC at 1-866-217-9197 or directly at 703-305-3028 / 703-308-6845 between the hours of 6 a.m. and 12 midnight, Monday through Friday, EST.**
- **Send e-mail correspondence for Patentin Software Program Help @ [ebc@uspto.gov](mailto:ebc@uspto.gov)**

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

WINSTON M ALVARADO

Telephone: (703) 308-9140 EXT 206

**PART 1 - ATTORNEY/APPLICANT COPY**

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/537,741	PCT/US03/38685	14848-010US1

FORM PCT/DO/EO/905 (371 Formalities Notice)

10/1/2010 10:10:10